



Crop Report for August 31, 2008

Saskatchewan farmers have 20 per cent of the 2008 crop harvested, according to Saskatchewan Agriculture's weekly crop report.

This is an increase of 10 per cent from last week, but still behind the five-year (2003-2007) average of 35 per cent. Provincially, harvest is

furthest advanced in the southwest with 36 per cent of the crop harvested, and least advanced in the northwest where six per cent of the crop has been taken off.

Thirteen per cent of the durum crop has been harvested and nine per cent of the canola crop is off. With 10 per cent of the spring wheat crop harvested, crop reporters estimate that 70 per cent will grade No. 1 Canada Western (CW) and 23 per cent will grade No. 2 CW. The 10-year crop report average is 46 per cent 1 CW and 23 per cent 2 CW.

Sixty-one per cent of the 2008 lentil crop is off, as is 73 per cent of the pea crop. The fall rye crop is 89 per cent harvested and the winter wheat crop is 78 per cent harvested. Almost half of the triticale crop is harvested.

Insects and wind caused the majority of the crop damage this past week. Reporters also expressed concerns about flooding, ergot, bleaching, staining, and

lodging. Southern areas received rainfall of up to 50 mm on Sunday, August 31 and Monday, September 1.

Pasture conditions deteriorated from the end of July when 58 per cent were in good to excellent condition. The current rating is 45 per cent of pastures in good to excellent condition. The poorest pasture conditions are located on the western side of the province.

Fifteen per cent of reporters rate livestock water supplies as inadequate, up from 11 per cent at the end of July. Some farmers, located primarily in southern Saskatchewan, are hauling water for their animals.

1 Year Ago

Forty-four per cent of the 2007 crop had been harvested. Harvest was most advanced in the southwest where 81 per cent of the crop was off.

Winds caused the majority of the crop damage, including scattering of crops and shelling of ripe grain. Other concerns included bleaching, staining, sprouting, damage from wheat midge, and high fire hazard.

It was estimated that over 80 per cent of the 2007 spring wheat will place in the top two grades. (with 34 per cent harvested)

Less than half of the pastures were rated in good to excellent condition.

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Available on the Ministry of Agriculture Internet site at: www.agriculture.gov.sk.ca

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South eastern Saskatchewan (Crop Districts 1, 2, & 3a)

Weather in the southeast varied between hot, cool, dry, and wet over the past week, with some strong winds. An average of 2 mm of precipitation was reported, with the average high of 5 mm in CD 2b. Wind damage was reported throughout the region, including lodging, scattering of swaths, and shelling of ripe grain. Heat and drought stress was reported in the Windthorst area, where standing barley crops were breaking off in the wind. Farmers also expressed concern about bleaching, piebald kernels, and second growth. Crops in the swath are deteriorating on a daily basis.

Several reports of canola crop damage due to wind were received from the Weyburn area, with losses ranging from 10% to 25% of the canola crop was lost in the wind.

Thirty per cent of the 2008 south eastern crop has been harvested and a further 31% is lying in the swath or is ready to be straight-combined. The harvest of fall crops is 90% complete. South eastern peas are 82% harvested while lentils are 76% off.

With 17% of the spring wheat harvested, crop reporters estimated that 71% will fall into the top grade.

Topsoil moisture conditions

were slightly drier this past week. Eighty-two per cent of the crop land is rated as having adequate topsoil moisture, compared with 85% last week. Seventy-seven per cent of the hay and pasture land is rated as having adequate topsoil moisture, compared to 88% last week.

Insect damage came from grasshoppers (Oxbow, Kisbey, Kennedy, Midale, Pangman, Weyburn, Montmartre, Indian Head, Minton, Ceylon), sawflies (Moose Jaw, Marquis, Minton, Ceylon), and aphids (Indian Head). Some farmers are spraying for grasshoppers. Flea beetles are moving into the Tantallon area. Ergot in durum was reported in the Weyburn and Radville areas. Some samples will have significantly reduced grades. Birds damaged crops in the Odessa area.

Sixty per cent of the pasture conditions in the southeast are reported as good to excellent, similar to 58% in late July.

Eighty-four per cent of the area has adequate livestock water supplies, down from 89% in late July.

Seeding of fall crops has begun in the Oxbow and Kisbey areas.

Baling of hay is nearing completion. Some farmers are hauling bales. Some farmers are also spraying pre-harvest herbicides to kill weeds and speed dry-down of uneven

crops.

South western Saskatchewan (CDs 3asw, 3an, 3b, & 4)

The southwest was hot at the beginning of this past week and turned cold and wet by the weekend. An average of 3 mm of precipitation was reported, with an average high of 8 mm reported in CD 3bn. The rain caused crop damage, including bleaching, in the Rush Lake, Stewart Valley, Success, and Lucky Lake areas. Lentils in the Rush Lake area dropped from a #1 grade to a #3 grade. Winds were very damaging in some parts of the region. In the Glentworth area, one farmer had 15 to 20 bu./acre shelled out of a canola crop covering 640 acres. Crop damage from drought was reported in the Rockglen and Consul areas.

The beginning of the new week (August 31) saw rain in many areas of the southwest – some reporters indicated they had up to 50 mm. The rainfall amounts beginning with August 31 will show up in next week's Crop Report.

Thirty-six per cent of the 2008 south western crop has been harvested and a further 22% is lying in the swath or is ready to be straight-combined. Winter wheat and fall rye are over 80% harvested. Peas are over 90% harvested and lentils are over 55% harvested.

With 22% of the spring wheat harvested, crop reporters estimate that 89% will fall into the top grade.

Topsoil moisture conditions improved with 45% of the crop land rated as having adequate topsoil moisture, compared with 34% last week. Forty-two per cent of the hay and pasture land is rated as having adequate topsoil moisture, compared to 37% last week.

Insect damage came from sawflies and grasshoppers. In the Weyburn area, grasshoppers were eating the bolls off the flax. Some farmers were spraying. In the Viceroy area, farmers were finding it challenging to swath ahead of the sawflies. Wildlife damaged crops in the Webb area.

Pasture conditions have deteriorated in the southwest. In late July, 56% of the pastures were in good to excellent condition; this month, 29% received the same rating.

Almost one-third of the southwest is facing inadequate livestock water supplies, up slightly from 29% reported in late July.

Seeding of fall crops has begun in the Maple Creek area.

East central Saskatchewan (Crop Districts 5 & 6a)

The east central region had

warm days, cool nights, and some damp weather. An average of 5 mm of precipitation was reported during the past week, with an average high of 7 mm reported in CD 6a. Wind damage was reported in the Abernethy, Bethune, Holdfast, Craik, Leroy, and Humboldt areas. The Abernethy and Leroy areas saw breakage of cereal stems in the wind. The Bethune areas saw canola and mustard swaths being scattered and shelled out. Farmers also reported concerns with bleaching, staining, and lodging. Excessive moisture in the Kelvington, Leroy, Jansen, Humboldt, Calder, Foam Lake, Quill Lake, and Kamsack areas is delaying harvesting and reducing crop quality. Durum crops in the Holdfast area are suffering from sprouting and mildew. There was light frost in the Leroy area on the 24th and on the 29th, with the minimum temperature just below 0 degrees C.

Twelve per cent of the 2008 east central crop has been harvested and a further 38% is lying in the swath or is ready to be straight-combined. Eighty-nine per cent of the fall rye and 78% of the winter wheat is off, as is 57% of the peas and 55% of the lentils.

Second growth in some crops is delaying harvesting.

With just 4% of the spring wheat harvested, crop reporters estimated 60% will fall into the top grade.

Topsoil moisture conditions are similar to last week with 80% of the crop land and 69% of the hay and pasture land rated as having adequate topsoil moisture.

Grasshoppers caused damage in the Bethune area. Sawflies caused crop damage in the Earl Grey, Holdfast, Craik, and Imperial areas. Bertha armyworms caused crop damage in the Leroy and Humboldt areas. Wildlife caused crop damage in the Goodeve area.

Pasture conditions have deteriorated in the last month. At the end of July, 80% of east central pastures were rated as good to excellent – at the end of August, only 46% are given that rating. Ninety-six per cent of the area has adequate livestock water supplies.

More wild hay is being made in the Goodeve area as the sloughs are drying out. Crops were being desiccated at the beginning of the week. Some winter wheat was being seeded in the Holdfast area and some fall rye was planted in the Bradwell area.

West central Saskatchewan (Crop Districts 6b & 7)

The west central region was warm at the beginning of the week, and then turned cooler, with some showers. An average of 14 mm of precipitation was reported across the region, with the highest average amount being

15 mm reported in CD 6b. Wind caused crop damage in the Hanley, Conquest, Major, and Denzil areas. Hail caused about 10% damage in the Arelee area. Rain caused crop damage in the Conquest and Rosetown areas. There was some frost in the Unity area. Farmers also expressed concerns about lodging, staining, and bleaching.

Areas affected by the previous week's hailstorm in the Rosetown area have damage as high as 100%.

Fourteen per cent of the 2008 west central crop has been harvested and a further 31% is lying in the swath or is ready to be straight-combined. The fall rye harvest is over 90% complete, with winter wheat at 63% combined. Peas are two-thirds done and lentils are 56% combined.

With 3% of the spring wheat harvested, crop reporters estimate that 83% will fall into the top grade.

Second growth that is not ripening is hindering harvest, and more swathing than usual is being done in some areas.

Crop land topsoil moisture conditions are similar to last week, with 68% rated as having adequate topsoil moisture. Two-thirds of the hay and pasture land is rated as having adequate topsoil moisture, compared to less than half last week.

Insect damage came from grasshoppers (Hanley), diamondback moth larvae (Herschel, Scott), and sawflies (Denzil, Battleford), while wheat midge damage continued to show up in wheat crops. Geese caused crop damage in the Rosthern area.

Just over one-third of the pastures are rated in good to excellent condition, compared to just over half at the end of July.

Ninety-two per cent of the area has adequate livestock water supplies.

Fall rye was being seeded in the Grandora area. Other activities include desiccating, hauling bales, and summerfallowing.

North eastern Saskatchewan (Crop Districts 8 & 9ae)

The north eastern region started off warm last week, then turned cool. An average of 11 mm of precipitation was reported during the past week, with an average high of 20 mm reported in CD 9ae. Wind damage was reported in the Humboldt and Paddockwood areas. Drought damage was reported in the Tisdale and Melfort areas. Hail damage was reported in the Paddockwood area, with some fields 50% to 100% wiped out. Trees are also laying all over from the big storm at the beginning of the week. Frost patches on buildings were reported in the Hoey area. The

Codette area found frost damage from the previous week. Lodging of crops was also a concern.

Thirteen per cent of the 2008 north eastern crop has been harvested and a further 44% is lying in the swath or is ready to be straight-combined. Winter wheat is 88% off, as is 81% of the fall rye. Sixty per cent of the peas are off and so are 24% of the lentils. Grain is being dried.

With 12% of the spring wheat combined, reporters estimated that 78% would fall into the top grade.

There is second growth in some cereal crops. Barley is being downgraded from the cold, wet weather in the Bruno area.

Topsoil moisture conditions improved this past week. Eighty-three per cent of the crop land was rated as having adequate topsoil moisture, compared with 74% last week. Conditions on hay and pasture land also improved with 73% rated as having adequate topsoil moisture, compared with 64% the previous week.

Grasshoppers caused crop damage in the Codette area.

Fifty-three per cent of the pastures are rated in good to excellent condition. In late July, 58% had that rating.

Ninety-nine per cent of the

region has adequate livestock water supplies.

Haying is finishing up. Some winter wheat has been seeded in the Humboldt area.

North western Saskatchewan (Crop Districts 9aw & 9b)

The north western region saw cooling temperatures during the past week. An average of 17 mm of precipitation was reported, with an average high of 22 mm reported in CD 9aw. Crop damage from wind was reported in the Leask, Shellbrook, Debden, North Battleford, and Rapid View areas. Frost was reported in the Glaslyn, Turtleford, and Pierceland areas. Frost damage estimates in the Glaslyn area

range from 3% to 5%. There could be some frost damage in the Hafford area. The light frost in the Meadow Lake area is not expected to do much, if any, crop damage. In Pierceland, the temperatures dipped to -3C and -5C. Hail damaged crops in the Shellbrook area.

Six per cent of the 2008 north western crop has been harvested and a further 29% is lying in the swath or is ready to be straight-combined. Winter wheat is 79% done and fall rye is 57% done. Fifty-two per cent of the peas are done. Combined crops need to be dried.

With 4% of the spring wheat combined, reporters estimated that 39% will fall into the top grade.

Fall rye seeding is underway in the North Battleford area. Haying operations are winding down.

Topsoil moisture conditions improved from last week, with 81% of the crop land and 73% of the hay and pasture land reported as having adequate topsoil. This compares with 75% and 64% respectively last week.

Grasshoppers damaged crops in the North Battleford area. Geese damaged crops in the Pierceland area.

In late July, 46% of the pastures were rated in good to excellent condition. In late August, 50% received that rating. Ninety-three per cent of the region has adequate livestock water availability.

Saskatchewan Harvest Progress at August 31, 2008
% In Swath or Ready to Str.Cmb.

	2008	2007	Average 2003-07		2008	2007	Average 2003-07
Winter wheat	15	7	11		78	92	73
Fall rye	6	2	10		89	94	72
Spring wheat	28	35	21		10	32	31
Durum	25	24	15		13	60	42
Oats	18	28	21		7	20	21
Barley	32	31	21		18	42	36
Triticale	11	8	12		49	79	38
Flax	1	16	12		0	7	8
Canola	63	54	44		9	33	26
Mustard	31	21	21		26	67	45
Sunflowers	0	0	1		19	0	1
Lentils	22	7	14		61	91	62
Peas	15	11	13		73	83	64
Canary seed	3	23	18		0	12	11
Chickpeas	2	24	14		17	47	32
Total	32	32	23		20	44	35

Growing Degree Days Above 5°C
calculations based on temperatures given by crop reporters

R.M.	Since April 1	Aug 24-30	Total
3	1355.5	95.5	1451
17A	1206	83.5	1289.5
38B		102.5	
43A	1416.45	103.65	1520.1
43B		87.8	
44	1255.85	96	1351.85
68	1535.3	101.35	1636.65
71		91.55	
72		89.1	
75B		94.35	
76		93.4	
78A	1139	84	1223
97	1291.535	88.3	1379.835
109		79	
111A	1323.6	92	1415.6
123		79	
124		76.95	
125		80	
127		83.3	
138		82.5	
142		84.75	
151B	1177.1	85.05	1262.15
154		86	
166	1277.5	85.5	1363
167	1188	86	1274
185		82.95	
186		79.1	
190B		96.5	
193	1238.7	87	1325.7
221	1206.8	87	1293.8
222		86	
226		78	
246	1103.45	80.65	1184.1
259		71.8	
276		84.5	
277	1189	81.45	1270.45
283	1246.8	80.4	1327.2
285	1345.55	83.35	1428.9
312		77	
318A	1177.5	73.5	1251
333		93	
338		84	
339	1137.5	83.5	1221
340A		77.5	
343		86.5	
370		81.5	
379	1124.65	68.05	1192.7
397		81	
429B	1145	84.5	1229.5
442	1117	59	1176
456	969.5	73.5	1043
488		74.6	
496	1120.5	77	1197.5
502	1199.5	58	1257.5

* missing 1 to 7 days of data

A degree day is defined as a measure of the departure of temperature for a day from some reference temperature.

They are expressed in degrees of temperature.

For plant growth, a base of 5°C is generally used,

although the base varies for each plant species and,

in fact, varies throughout the life of the plant from

germination to maturity. By accumulating degree

days throughout the growing season, it is possible to forecast harvesting dates.

Weekly Rainfall Summary

(in millimeters)

for the week ending August 30, 2008

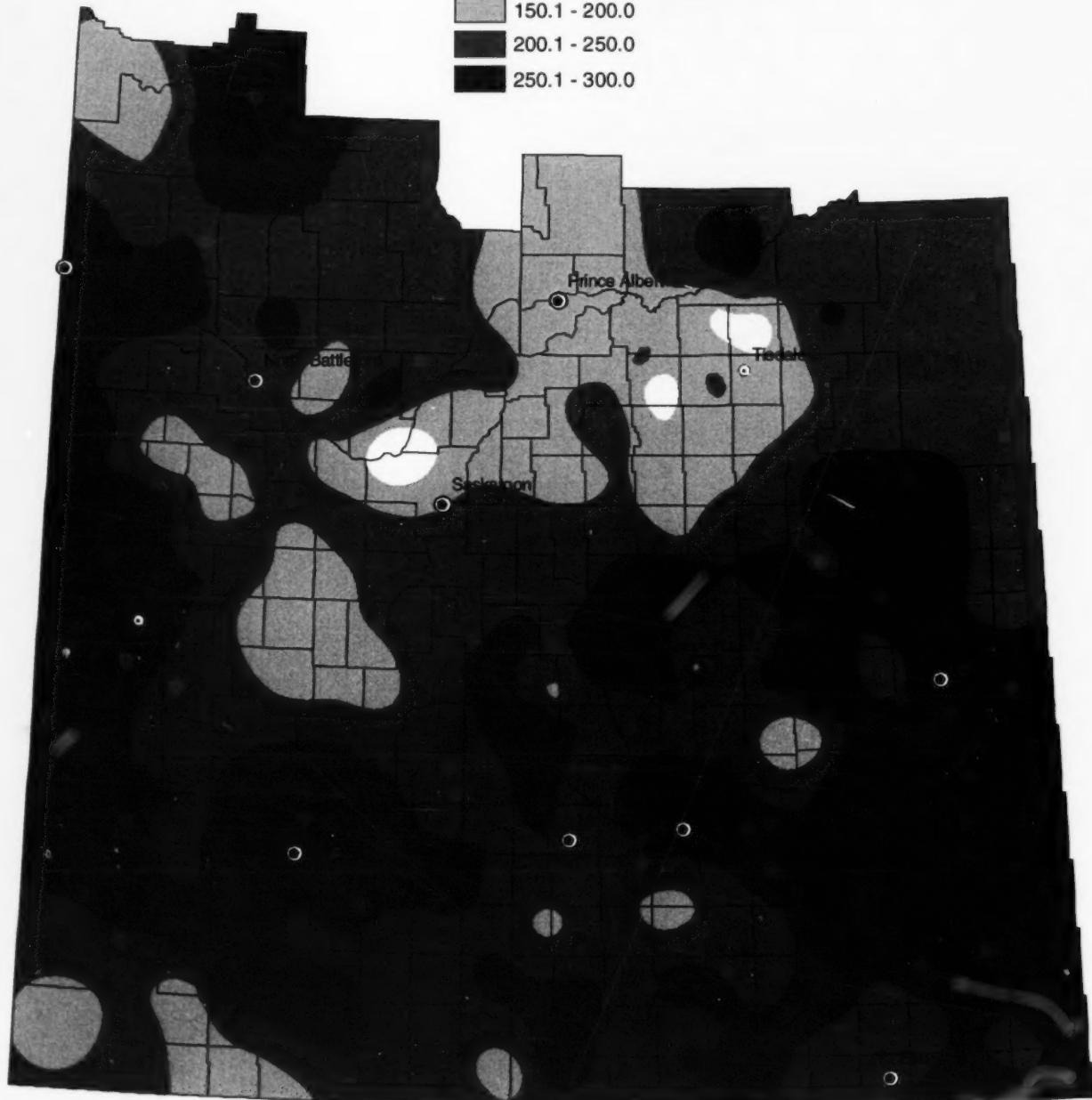
Crop Municipality		Past	Since	Crop Municipality		Past	Since	Crop Municipality		Past	Since
Dist. No.	Name	Week	April 1	Dist. No.	Name	Week	April 1	Dist. No.	Name	Week	April 1
1A	1 Argyle	NIL	254	107	Lac Pelletier	NIL	243	344	Corman Park	10	140
	2 Mount Pleasant	2	263	108	Bone Creek	6	360	345	Vanscoy	28	202
	3 Enniskillen	2	283	138	Webb	2	309	346	Perdue	15	229
33 A	Moose Creek	1	233	165	Morse	N/A	257 *	376 A	Eagle Creek	12	178
33 B	Moose Creek	2	274	166	Excelsior	4	313	376 B	Eagle Creek	10	179
34	Browning	1	216	167	Sask. Landing	11	343	403	Rosthern	20	195
61	Antler	N/A	220 *	168	Riverside	7	344	259	Snipe Lake	10	235
64	Brock	1	256	226	Victory	10	211	287	St. Andrews	8	159
65	Tecumseh	NIL	244	228 A	La Cadena	N/A	219 *	288	Pleasant Valley	9	190
91	Maryfield	8	352	228 B	La Cadena	13	222	292	Milton	N/A	308 *
92	Walpole	NIL	285	255	Coteau	N/A	178 *	317 A	Marriott	10	188
93	Wawken	1	302	49 A	White Valley	NIL	211	317 B	Marriott	12	164
94	Hazelwood	2	341	49 A	White Valley	N/A	182 *	318 A	Mountain View	10	245
95	Golden West	NIL	289	51	Reno	2	182	318 B	Mountain View	15	235
121	Moosomin	5	391	79	Arlington	NIL	204	320	Oakdale	12	284
122	Martin	5	376	109	Carmichael	TR	271	347 A	Prairie Dale	15	316
123	Silverwood	3	284	110	Piapot	NIL	264	347 B	Biggar	12	187
124	Kingsley	2	355	111 A	Maple Creek	1	242	350 A	Mariposa	9	240
125	Chester	3	289	111 B	Maple Creek	NIL	263	350 B	Mariposa	18	221
151 A	Rocanville	N/A	277 *	139	Gulf Lake	3	249	351	Progress	12	377
151 B	Rocanville	2	304	141	Big Stick	4	274	352	Heart's Hill	24	367
153	Willowdale	TR	294	142	Enterprise	5	272	377	Glenside	12	205
154	Elcapo	2	378	169	Pittville	N/A	232 *	378 A	Rosemount	12	210
155	Wolseley	1	285	231	Happyland	8	265	378 B	Rosemount	8	224
2A	36 Cymri	NIL	233	232	Deer Forks	13	287	379	Reford	9	167
	66 Griffin	65	340	183	Fertile Belt	4	326	380	Tramping Lake	8	177
67	Weyburn	N/A	247 *	184	Grayson	4	270	381	Grass Lake	17	245 *
68	Brokenshell	NIL	220	185	Mcleod	5	302	382	Eye Hill	N/A	337 *
69	Norton	NIL	283	186	Abernethy	1	268	409	Buffalo	22	233
96	Fillmore	NIL	300	211	Churchbridge	1	304	410	Round Valley	13	208
97	Wellington	TR	223	213	Saltcoats	3	274	411	Senlac	N/A	325 *
99	Caledonia	NIL	224	216 A	Tullymet	NIL	159	395	Porcupine	4	206
2B	126 Montmartre	1	335	216 B	Tullymet	5	272	397	Barrier Valley	8	187
127	Francis	7	301	241	Calder	5	301	398	Pleasantdale	9	172
129	Bratt's Lake	N/A	193 *	243	Wallace	3	333	428	Star City	6	206
131	Bailedon	1	215	245 A	Garry	TR	233	456	Arborfield	9	250
156 A	Indian Head	1	259	245 B	Garry	3	266	457	Connaught	NIL	130
157	South Qu'appelle	N/A	206 *	246	Ituna Bon Accord	4	251	458	Willow Creek	6	155
158	Edenwold	4	299	247	Kellross	3	263	486	Moose Range	5	221
160	Pense	15	233	248	Touchwood	3	226	487	Nipawin	14	231
161	Moose Jaw	14	246	271	Cote	3	246	369	St. Peter	14	152
191	Marquis	NIL	255	273	Sliding Hills	5	213	370	Humboldt	17	200
3ASE 9	Surprise Valley	NIL	241	275	Insinger	N/A	254 *	371	Bayne	6	160
38 A	Laurier	NIL	316	276	Foam Lake	4	320	372	Grant	18	187
38 B	Laurier	NIL	248	277	Emerald	5	252	373	Aberdeen	N/A	22 *
39 A	The Gap	NIL	260	304	Buchanan	4	377	400	Three Lakes	21	236
39 B	The Gap	NIL	219	307	Elfros	4	308	402	Fish Creek	24	184
3ASW 10	Happy Valley	NIL	226	308	Big Quill	N/A	140 *	429 A	Flett's Springs	13	128
12	Poplar Valley	NIL	264	333	Clayton	4	281	429 B	Flett's Springs	6	208
40	Bengough	NIL	253	335	Hazel Dell	N/A	321 *	431	St. Louis	11	188
42	Willow Bunch	N/A	223 *	336	Sasman	N/A	225 *	459	Kinistino	10	194
43 A	Old Post	NIL	211	337	Lakeview	15	211	488	Torch River	5	266
43 B	Old Post	N/A	172 *	338	Lakeside	6	229	520	Paddockwood	35	149
44	Waverley	NIL	231	366	Kelvington	5	262	9AE 405	Great Bend	N/A	115 *
70	Key West	NIL	245	367 B	Ponass Lake	N/A	150 *	406	Mayfield	9	210
71 A	Excel	NIL	249	189	Lumsden	1	337	435	Redberry	30	278
71 B	Excel	N/A	264 *	190 A	Dufferin	TR	219	436	Douglas	11	165
71 C	Excel	NIL	265	190 B	Dufferin	4	220	463	Duck Lake	18	214
72	Lake Of The Rivers	2	214	190 C	Dufferin	N/A	275 *	464	Leask	26	243
73 A	Stonehenge	NIL	233	219 B	Longlaketon	3	247	466	Meeting Lake	N/A	203 *
73 B	Stonehenge	N/A	264 *	219 C	Longlaketon	4	252	467	Round Hill	23	260
74	Wood River	N/A	16 *	220	Mckillip	6	206	493	Shellbrook	37	166
3AN 101	Terrell	NIL	215	221	Sarnia	2	251	494	Canwood	27	241
102	Lake Johnston	1	193	222	Craik	TR	267	496	Spiritwood	20	235
103	Sutton	NIL	239	251	Big Arm	2	256	497	Medstead	N/A	185 *
132	Hillsborough	5	230	252	Arm River	TR	193	555	Big River	N/A	218 *
134	Shamrock	N/A	263 *	279 A	Mount Hope	9	284	9B 438	Battle River	10	204
164	Chaplin	NIL	253	279 B	Mount Hope	6	202	440	Hillsdale	20	239
193	Eyebrow	1	240	280	Wreford	15	269	442	Manitou Lake	23	278
194	Enfield	N/A	227 *	282	McCraney	9	267	498 A	Parkdale	15	229
3BS 17 A	Val Marie	2	293	309	Prairie Rose	14	292	498 B	Parkdale	NIL	207
17 B	Val Marie	5	163	312	Morris	2	236	499	Mervin	18	288
45	Mankota	NIL	253	313	Lost River	10	238	501 A	Frenchman Butte	N/A	206 *
75 A	Pinto Creek	5	222	339	Leroy	9	195	501 B	Frenchman Butte	22	257
75 B	Pinto Creek	NIL	227	340 A	Wolverine	26	232	501 C	Frenchman Butte	14	258
76 A	Auvergne	NIL	219	340 B	Wolverine	4	224	502	Britannia	17	278
76 B	Auvergne	TR	270	341	Viscount	15	214	561	Loon Lake	N/A	224 *
77	Wise Creek	12	272	343	Blucher	13	249	588 A	Meadow Lake	N/A	180 *
78 A	Grassy Creek	34	340	283	Rosedale	10	202	588 B	Meadow Lake	17	218
78 B	Grassy Creek	NIL	236	284	Rudy	18	242	588 C	Meadow Lake	12	318
78 C	Grassy Creek	13	291	285	Fertile Valley	14	207	588 D	Meadow Lake	N/A	324 *
105	Glenbain	2	228	286	Milden	13	188	622	Beaver River	TR	156
106	Whiska Creek	NIL	257	314	Dundurn	21	227				

These precipitation amounts represent point locations within each municipality and do not necessarily reflect the whole R.M.

* incomplete

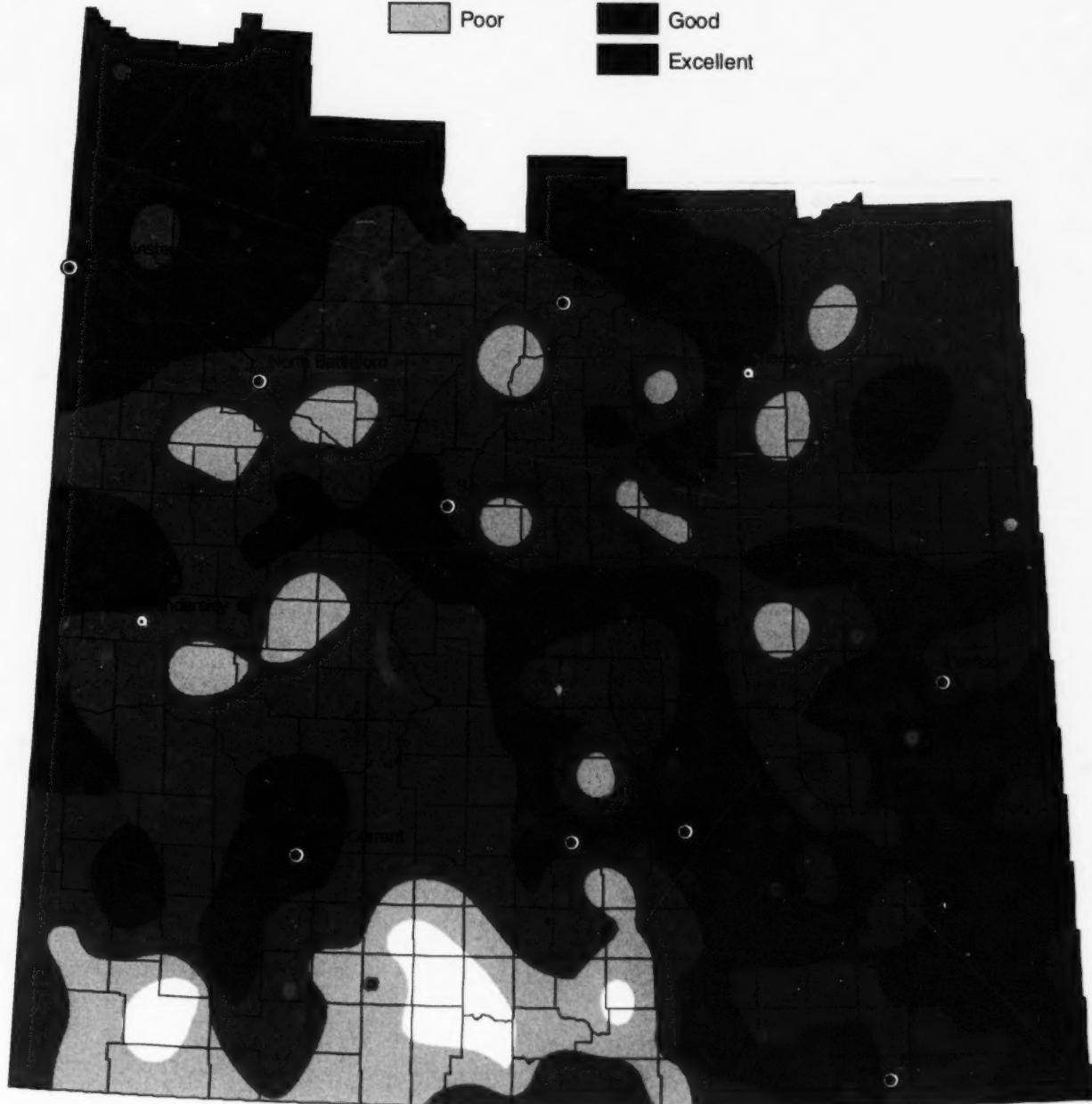
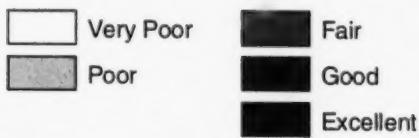
Municipality No: A, B, C, and D - more than one reporter

**Cumulative Rainfall
From: April 1, 2008
To: August 30, 2008**

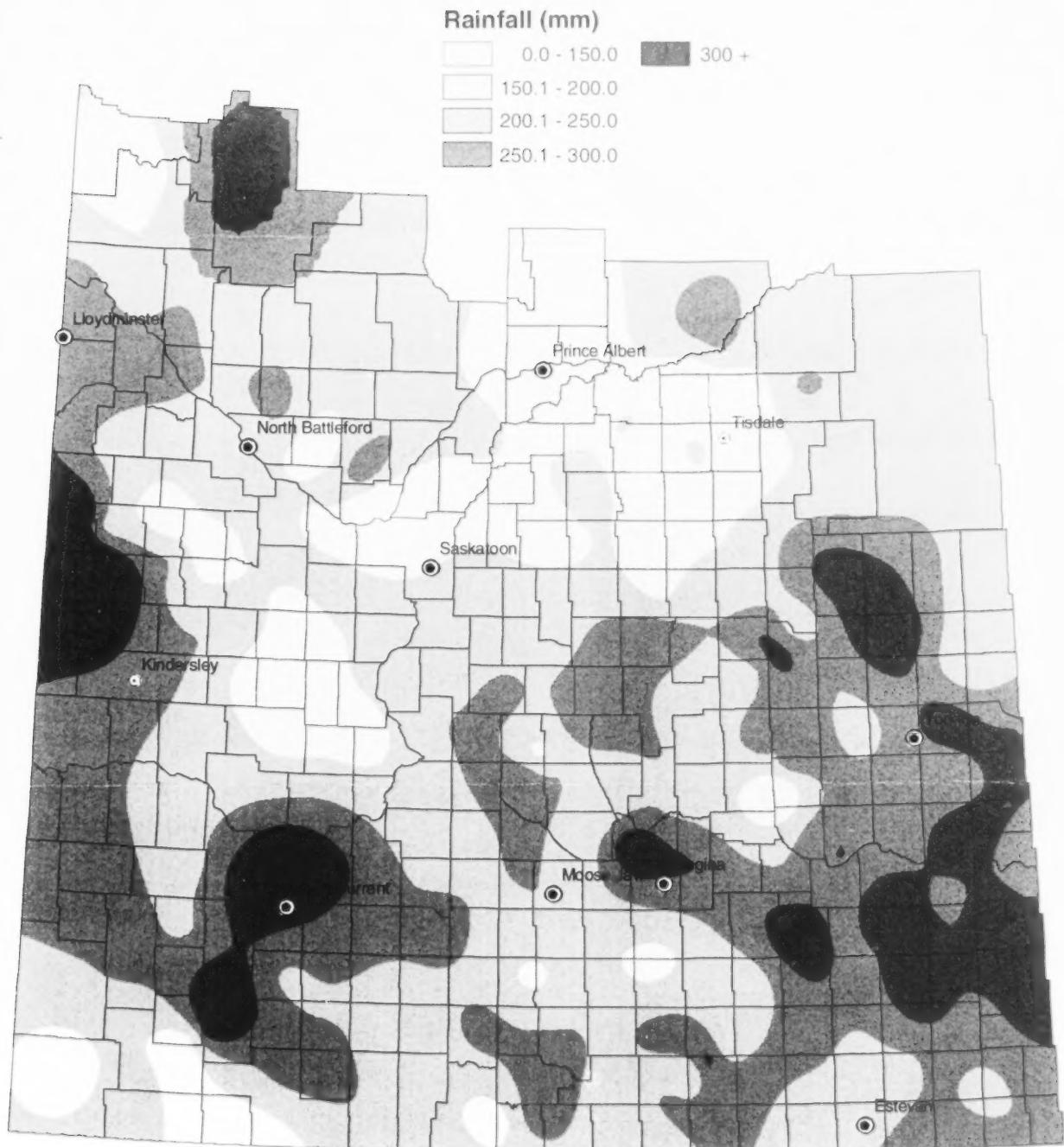


Pasture Conditions

August 31, 2008

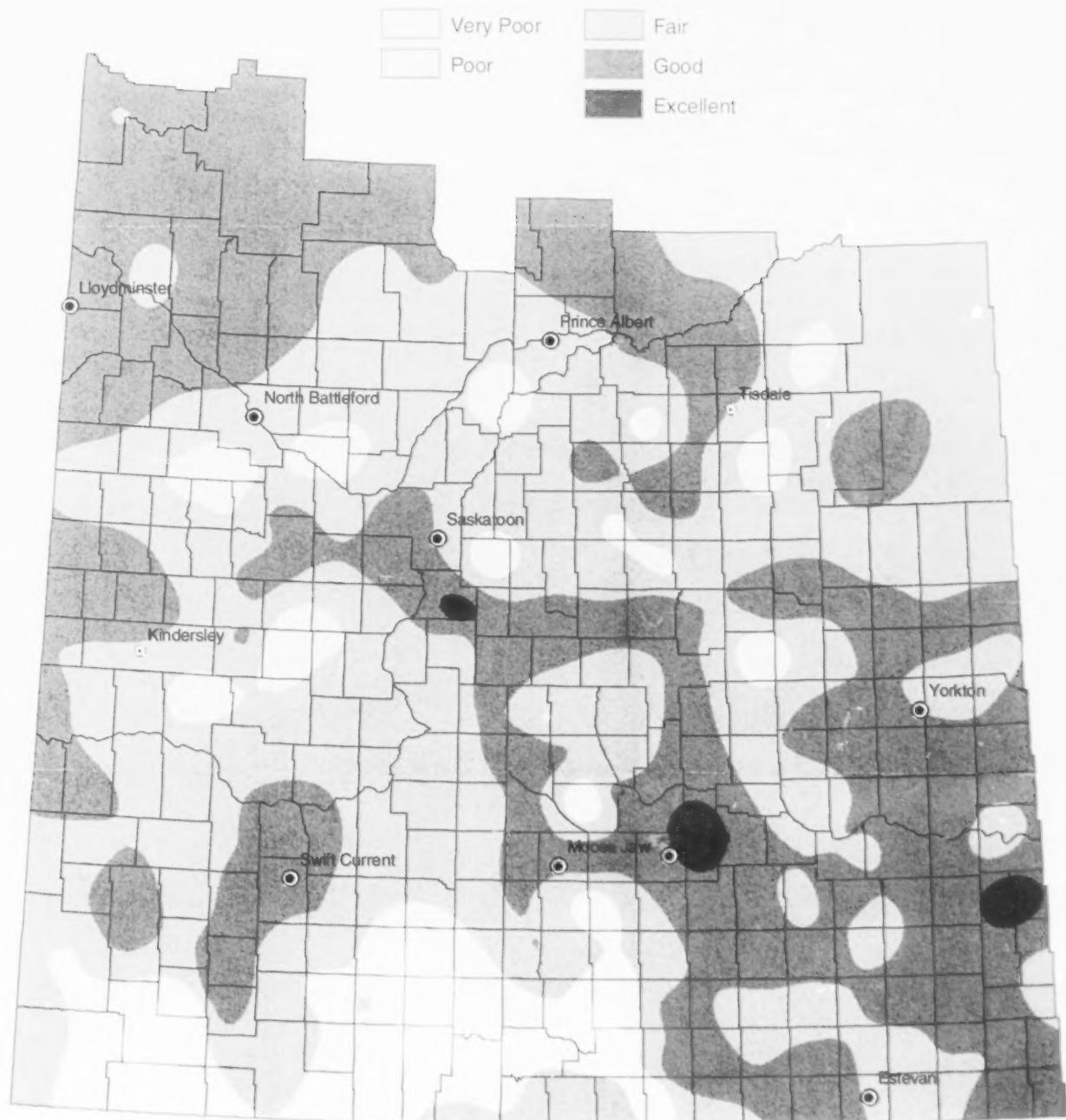


Cumulative Rainfall
From: April 1, 2008
To: August 30, 2008



Pasture Conditions

August 31, 2008



Crop Districts and Rural Municipalities

